

What Is Claimed Is:

1. An information processing device for scheduling band when transmitting data to other devices over a network, wherein:

when said band allotted to class C_x is expressed as b_{cx} , the total surplus band not allotted to any class is B_{excess} , the total utilizable band of an entire class possessing the borrowable attribute is B_{all} , and the total number of classes possessing the borrowable attribute is set as n , then weighting is performed according to the value calculated by:

$$\text{weight} = (b_{cx} + B_{excess} / n) / B_{all},$$

and said band of class C_x is determined and scheduled.

2. An information processing method for an information processing device for scheduling band when transmitting data to other devices over a network, wherein:

when said band allotted to class C_x is expressed as b_{cx} , the total surplus band not allotted to any class is B_{excess} , the total utilizable band of an entire class possessing the borrowable attribute is B_{all} , and the total number of classes possessing the borrowable attribute is set as n , then weighting is performed according to the value calculated by:

$$\text{weight} = (b_{cx} + B_{excess} / n) / B_{all},$$

and said band of class C_x is determined and scheduled.

3. A recording medium recorded with a computer-readable

program comprising such steps that in an information processing device for scheduling band when transmitting data to other devices over a network, wherein:

when said band allotted to class C_x is expressed as b_{cx} , the total surplus band not allotted to any class is B_{excess} , the total utilizable band of an entire class possessing the borrowable attribute is B_{all} , and the total number of classes possessing the borrowable attribute is set as n , then weighting is performed according to the value calculated by:

$$\text{weight} = (b_{cx} + B_{excess} / n) / B_{all},$$

and said band of class C_x is determined and scheduled.